APR please type a plus sign (+) inside this box PTO/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE TRANSANCE THE Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 10/747967 TRANSMITTAL Application Number 12/29/2003 **FORM** Filing Date (to be used for all correspondence after initial filing) **First Named Inventor** Ould-Brahim Group Art Unit **Examiner Name** Total Number of Pages in This Submission Attorney Docket Number 121-006 38898--0070 Ridout Ref: ENCLOSURES (check all that apply) **Assignment Papers** After Allowance Communication Fee Transmittal Form (for an Application) to Group Appeal Communication to Board of Fee Attached Drawing(s) and letter Appeals and Interferences Appeal Communication to Group Amendment Licensing-related Papers (Appeal Notice, Brief, Reply Brief) Petition **Proprietary Information** After Final Petition to Convert to a Affidavits/declaration(s) Status Letter Provisional Application Power of Attorney, Revocation Change of Correspondence Other Enclosure(s) (please **Extension of Time Request** identify below): Address **Express Abandonment Request** Return receipt postcard Terminal Disclaimer Information Disclosure Statement; Request for Refund PTO Form 1449 and references Certified Copy of Priority CD, Number of CD(s) Document(s) Please charge any deficiency or credit any overpayment to Deposit Response to Missing Parts/ Remarks Incomplete Application Account No. 502569. Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Lindsay G. McGuinness, Reg. No. 38,549 Firm Steubing McGuinness & Manaras LLP Individual name Signature me March 30, 2004 Date

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## APR 0 1 2004 2

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ould-Brahim

Serial No.: 10/747,967

Filed: 12/29/2003

Title: MULTIHOP MPLS/IP/ATM/FRAME

RELAY/ETHERNET PSEUDOWIRE

Group Art Unit:

Examiner:

Not yet known

Attorney Docket No.: 121-006

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 33212-1450

## **INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

This Information Disclosure Statement is submitted before mailing date of first office action on the merits.

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA 33212.

Date of Deposit: March 30, 2004

Typed Name: Carol Ann Mahoney

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Respectfully submitted,

Lindsay McGuinness, Reg. No, 38,549

Attorney/Agent for Applicant(s)

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125 Nagog Park Drive Acton, MA 01720

Date: March 30, 2004

Telephone No.: 978-264-6664



PTO/SB/08A (05-03)

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Substitute for form 1449A/PTO	Application Number	10/747967	
INFORMATION DISCLOSURE	Filing Date	December 29, 2003	
STATEMENT BY APPLICANT	First Named Inventor	OULD-BRAHIM, Hamid	
O'MENT DI ALI EIOAN	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet 1 of 1	Attorney Docket Number	38898-0070 121-006	

		NON PATENT LITERATURE DOCUMENTS		
Examiner Cite No. 1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published		
		ANDERSSON, L. (Ed.), "PPVPN L2 Framework"		
_		AWDUCHE, D., et al., "RSVP-TE: Extensions to RSVP for LSP Tunnels"	T	
		BATES, T., et al., "Multiprotocol Extensions for BGP-4"		
		BERGER, L. (Ed.), "Generalized Multi-Protocol Label Switching (GMPLS) Signaling Resource ReserVation Protocol-Traffic Engineering (RSVP-TE) Extensions"		
		MARTINI, L., et al., "Pseudowire Setup and Maintenance using LDP"		
		MARTINI, L., et al., "Transport of Layer 2 Frames Over MPLS"		
		OULD-BRAHIM, H., et al., "GVPN: Generalized Provider-provisioned Port-based VPNs using BGP and GMPLS"		
		OULD-BRAHIM, H., et al., "Using BGP as an Auto-Discovery Mechanism for Network-based VPNs"		
	_	ROSEN, E.C. et al., "Provisioning Models and Endpoint Identifiers in L2VPN Signalling"		
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